

Summary of French Patent Application No. 2,014,391

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Title: FUSE

OVERVIEW

The goal of this invention is to reduce the power losses in fuses while increasing their shutdown efficiency when the fuse is activated. The fuse comprises a hollow body (1) made of a conductive material and featuring two receptacles (2), both in communication with each other through of a small tube (3) being dimensioned so that it will melt under a given electrical surcharge condition. The hollow body (1) may contain a gas under pressure which, when the small tube (3) melts, extinguishes the arc that occurs at the melting location. It may also contain a liquid which vaporizes with the heat created by the arc, in such a way that the vapor will blow away the arc when occurring.